MULTI-SYSTEM VIDEO CONVERTER

NTSC 3.58, PAL, SECAM, TO NTSC 3.58, 4.43, PAL

OPERATION MANUAL

Precaution

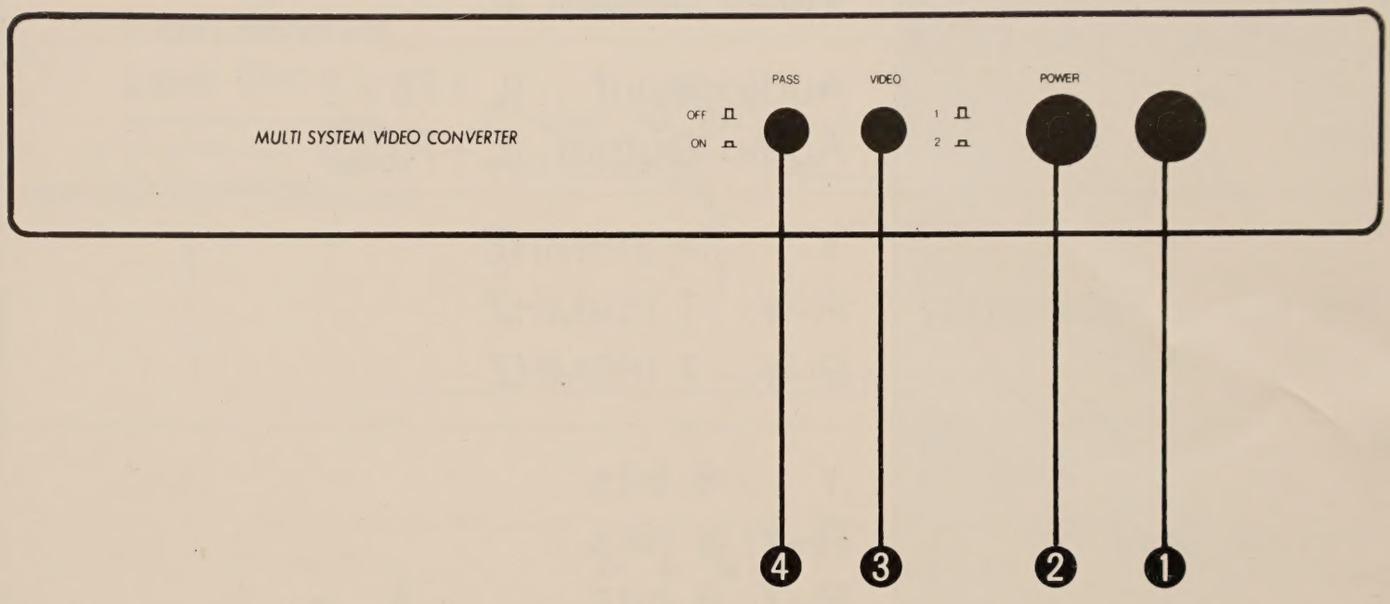
1. Do not expose this product to direct sunlight.
2. Keep the unit away from radiator, heat sources and magnetic field.
3. Do not place it in very dusty or humid locations.
4. Use this unit in a horizontal position only.
5. Do not put heavy object on top of the converter.
6. Put the unit in an open space that has a good ventilation.
7. If the picture or sound is affected. Keep the unit away from TV or other electronic equipment.
8. Unplug the unit from the AC outlet when it is not to be used for a long period of time.

Features

- Digital Conversion from input TV signals of NTSC, PAL, or SECAM to output signals of NTSC or PAL.
- Digital line (525⇄625 lines) and field (50⇄60 fields) conversion.
- 4M bit field memory; Static resolution: 500 lines
  Dynamic resolution: 300 lines
- Accomodate two inputs and two outputs at the same time.
- Built in Time Base Correction (T.B.C.) function for signal synchronization.

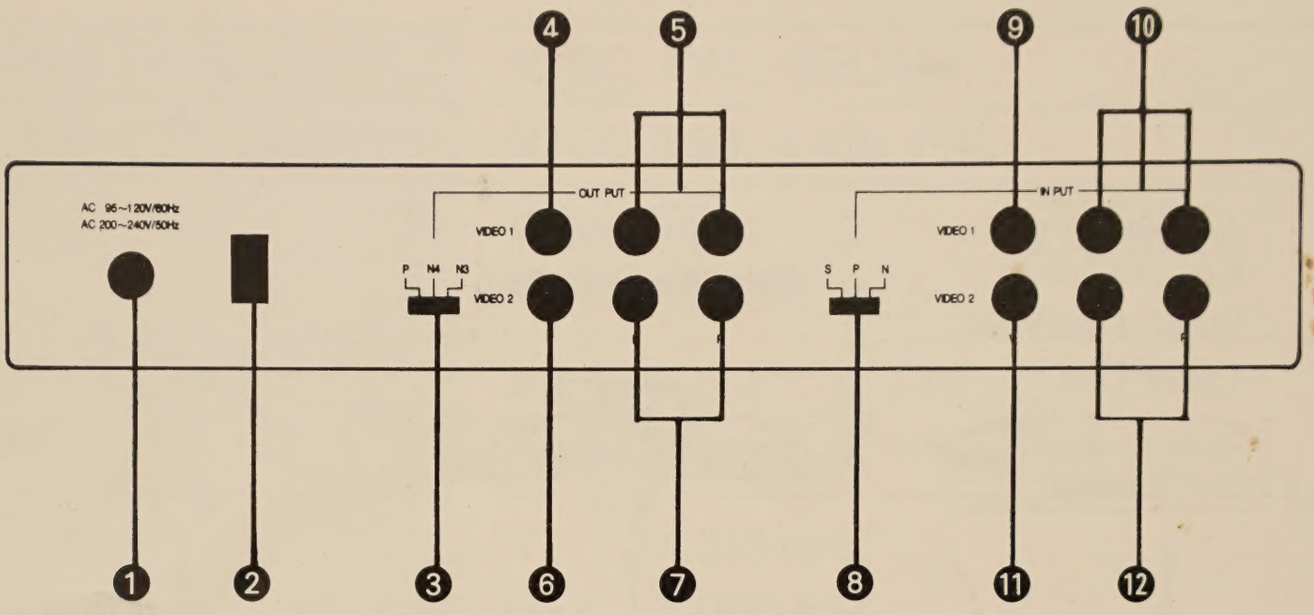
Operation Control and Functions

Front Pannel



1. **Power on/off push switch.**
2. **Power Indicate light:**
   The indicator will light when power switch is pressed on.
3. **Video push switch:**
   Position "1" (⊓) for video and Audio input 1
   Position "2" (⊓) for video and Audio input 2
4. **Pass on/off push switch:**
   When pushed "on", the input signal will be passed. Thus the output signal is same as input signal without any change.

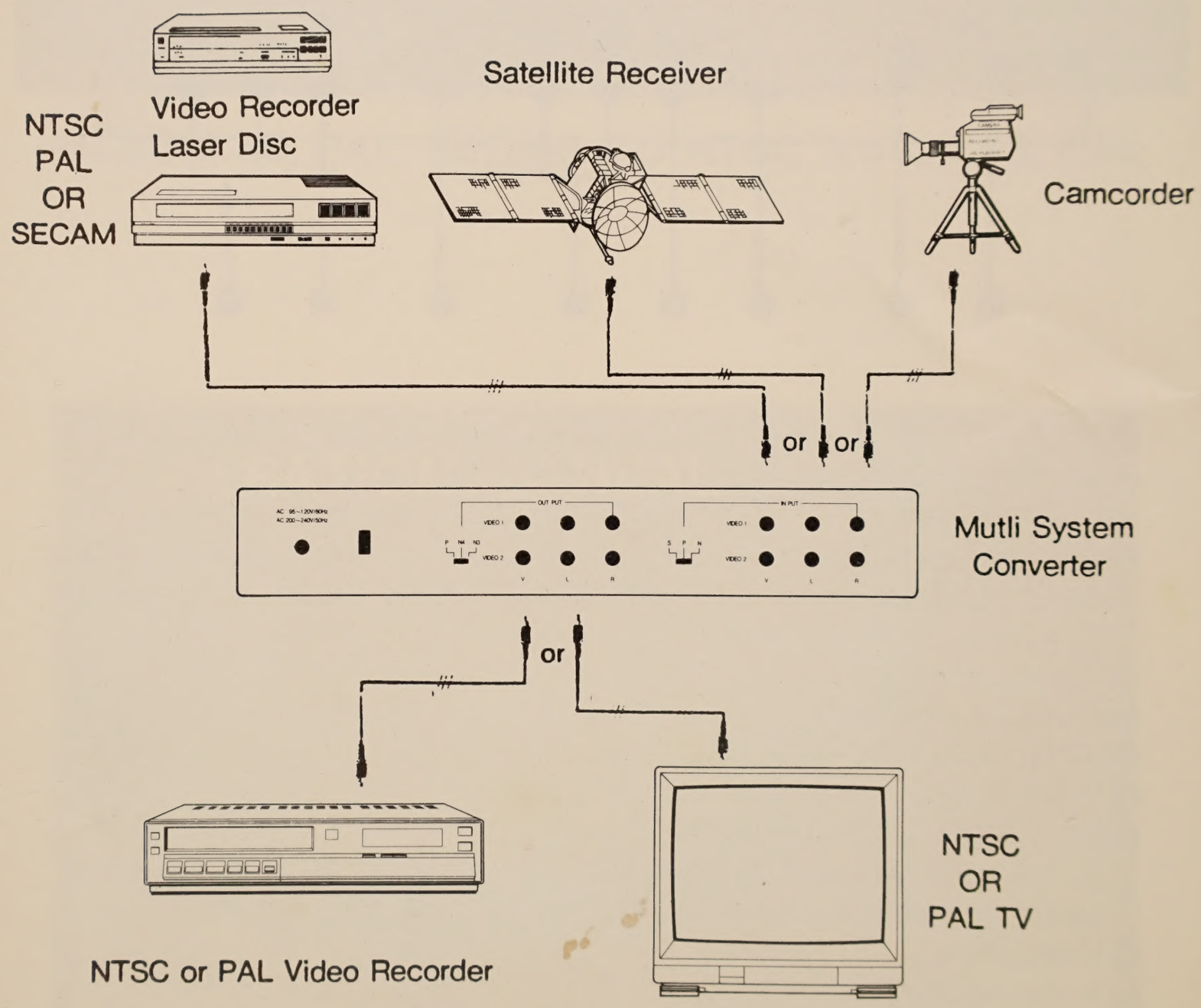
Rear Pannel



❶ AC Line Cord: plug into AC socket for power supply.
❷ AC Voltage Selector: 110 for 110 volts power supply.
220 for 220 volts power supply.
❸ Output System Select Switch*: P,N4,N3 stand for output signals of PAL, NTSC 4.43, and NTSC 3.58 respectively. Set the switch to the type of signal you wish to output.
❹ Video Output 1
❺ Audio Output Pair 1
❻ Video Output 2
❼ Video Output Pair 2
❽ Input System Select Switch:
S. P. and N represent SECAM, PAL and NTSC respectively. Set the switch to match the input signal type. (SECAM, PAL or NTSC)
❾ Video Input 1
❿ Audio Input Pair 1
⓫ Video Input 2
⓬ Audio Input Pair 2

*: The output signal standards can be modified to muiti PAL outputs according to customer's requirement. For example it can be modified to PAL M,. PAL N, and NTSC outputs.

Connection and Installation



Specifications

Input TV Systems	NTSC, PAL, SECAM
Output TV Systems	NTSC(3.58, 4.43), PAL
Connection Terminals	Video Input : 2 Video Output: 2
	Audio Input : (L+R)×2 Audio Output: (L+R)×2
Sampling Frequency	Y : 14.318MHZ R–Y: 7.159MHZ B–Y: 7.159MHZ
Digital Cord Bit	Y : 8 bits R–Y: 8 bits B–Y: 8 bits
Line Conversion	525⇌625 Lines
Field Conversion	60 ⇌ 50 fields
AC Voltage Select	AC 110V or 220V 60/50Hz
Dimensions	W: 280mm H : 45mm D : 230mm
Weight	3.2kg
Accessory	One Set of Video/Audio Connecting Cable

Specifications are Subject to Change Without Notice